

C.CRANE

I
LOVE
RADIO

800-522-8863 • ccrane.com

Annual Catalog 2018

From Bob



Almost a year ago a perfect *I LOVE Radio* t-shirt and a funny clay radio arrived in a box from a young friend of mine. I had sent her an Entrepreneur Kit a few months previously but never expected to hear back. The shirt expresses why radio (all types) is great for me and millions of others. Nielsen (whose job it is to find out), recently announced “more people (higher numbers), listen to radio than watch TV or consume content on smartphones.” . . . our staff picked the t-shirt graphic for this year’s cover over several other designs.

“I love radio” is such a strong belief it caused me to think about why I feel this way. One clear minded morning it dawned on me that radio is just an electronic extension of what has been going on for thousands of years and it will continue for thousands more. Radio is oral history, it’s storytelling, it is the best way for most of us to receive information because we are wired for it. A good radio show might have music, thought provoking content and maybe a bit of comedy. . . probably like it has been for thousands of years.

The t-shirt and radio were made by a wonderful girl named Asia Bell. . . maybe you’ve heard of her father . . . Art?

We are donating \$1.00 from each t-shirt sale (shown on page 31) towards her future.

Thank you in advance!

A handwritten signature in black ink, appearing to read "Asia Bell".



Asia Bell, designer of the *I Love Radio* T-Shirt

CC POCKET



With AM, FM and Weather + Alert

Our pocket radio is a real blessing when small size is important

We combined ease of use, very good reception, and sharp well-defined audio together in this little jewel of a radio. You can listen on the built-in speaker or the *included high quality original CC Buds* tuned for superior voice clarity and music.

It has five one-touch memory car type buttons for each band and stands upright when needed. Rubber coated sides help with grip.

- Display light, sleep timer, clock and alarm, belt clip
- FM stereo or mono switch and reception indicator
- NOAA Weather Radio with Alert (disables AM/FM radio while activated)
- About 100 hours of play with earbuds, 80 hours with built-in speaker using (2) AA batteries (not included)
- FM antenna wire included
- 1, 9 & 10 kHz fine tuning steps

Weight: 3.8 oz. (without batteries). Size: 2.5" W x 4.25" H x 1" D.

Item #CCPKT.....\$64.99

Item #WERKH...Chest Harness.....\$29.99



Please see Page 14 for additional CC Pocket Radio Accessories.



With AM, FM, Shortwave, Weather + Alert, VHF Aviation Band

The Ultimate travel pocket radio

The CC Skywave opens up a marvelous new world of radio when you're traveling. The reception, audio and durable build are what this radio excels at. The Skywave has an intuitive layout so it's easy to use. Incoming radio signals can be manipulated to reduce interference.

Sometimes it's important to find out what's going on. The Aviation Band lets you listen in on nearby pilots, air traffic controllers and ground crew. English is the standard language used in aviation worldwide.

Included is a pair of our original CC Buds for your listening pleasure and a carry case. Rotary volume. Voice/music tone control.

Weight: 6.0 oz. (without batteries). Size: 4.75" W x 3" H x 1.1" D. Runs for approx. 70 hours on two "AA" batteries (not included) or on optional AC power.

- Item #SKWV.....\$89.99
- Item #SKWVP.....AC Adapter (optional).....\$14.99
- Item #CCSWA....CC SW Reel Antenna (Pg. 19)....\$14.99



CC SKYWAVE SSB™

NEW!



With AM, FM, Shortwave, Weather + Alert, Scannable VHF Aviation Band and Single Side Band

You Asked and We Listened

The new Skywave-SSB has everything the original Skywave has. But we continue to have a select group of radio enthusiasts who want more . . . “The CC Skywave has shortwave but it would be perfect if it had Single Side Band”. We did it. The new circuit also allowed us to improve the audio and reception slightly while keeping the layout as intuitive as possible.

You can now listen to Hams, long range aviation (commercial and military), maritime, space and even spy transmissions from all over the world. Single Side Band is an efficient and reliable way to get long range information without Internet or satellite and it’s not available on your smartphone. Ham radio operators play a critical part in emergencies when virtually all normal communication is down.

Included is a CC Shortwave Reel Antenna, a pair of our original CC Buds, and a faux leather carry case.

Weight: 6.0 oz. (without batteries). Size: 4.75” W x 3” H x 1.1”D. Runs for approx. 70 hours on two “AA” batteries or on optional AC power (not included).

Item #SSB.....\$169.99

Item #SSBP.....AC Adapter (optional).....\$14.99

More information about Single Side Band at ccrane.com/ssb



Portable AM/FM/WX + Alert/2-Meter Ham Band

Designed for long range reception and audio clarity

The purpose of the CCRadio-2E is to make weak signals strong and to produce crisp, accurate audio for the spoken word.

AM performance comes from our patented Twin-Coil Ferrite® AM Antenna and traditional FM reception is exceptional in its ability to bring in a weak station clearly. The audio of this enhanced version can be adjusted for accurate, warm voice rendition along with good musical performance.

This radio also has the Weather Band and alert along with the 2-Meter Ham Band. More information about the 2-Meter Ham Band can be found at: CCRadio.com/2-meter.

Since the CCRadio’s original debut the external design has remained the same but there have been countless revisions inside to improve performance, durability and audio. It is one of the most popular portables manufactured and many experts feel it is the best portable radio made.

Weight: 4 lbs. (without batteries). Size: 11" W x 6.5" H x 4" D.
Runs on included AC power cord or four (optional) “D” batteries. Features include: clock and alarm, sleep timer, presets, line in/out jacks and NOAA weather alert.

- Item #CC2BE.....Black Mica.....\$169.99
- Item #CC2TE.....Titanium....(See Pg. 7).....\$169.99
- Item #CA3.....CCRadio-2E Carry Case.....\$39.99



CCRadio-2E



CCRADIO-2E in Titanium

CC Buds Pro - Designed and built for voice clarity



The CC Buds Pro are designed to help you hear words – whether you’re listening to storytelling, talk radio, podcasts, or audiobooks. With these earbuds, you may learn the “real” lyrics to your favorite songs. There are thousands of earbuds on the market but they’re all focused on music which usually means a lot of bass. This makes words more difficult to hear.

The CC Buds Pro have high quality materials but are designed for studio monitor type bass response. This allows voices to come through loud and clear.

Included in the Pro earbuds are three sizes, small, medium and large covers in comfortably soft silicone and the same three sizes in compressible foam* for custom comfort. The foam covers provide enhanced bass and noise isolation. You select the best covers for your ear. Standard 1/8” stereo plug for anything with a headphone jack.

*It is recommended that you replace the earbud covers annually or whenever you notice wear and tear to prevent pieces from going inside your ear canal.

Item #CCBUDSPRO..... \$19.99 Buy 2 and get one free.

NEW!



Coming Soon!

**High Performance AM/FM Portable Radio
built with Simplicity**

... A Good Radio Should be Easy to Use

The new CC Radio-EP PRO is an enhanced version of the original EP. It has the same simple controls and the same high performance with superior selectivity and sensitivity. The portable CCRadio-EP PRO could be considered a super radio; built for ease of use and outstanding long-range AM with our C. Crane patented Twin Coil Ferrite® AM Antenna. FM performance is excellent.

Great for listening to Talk Radio, NPR®, Music, and Sports. The EP PRO has a wide bass and treble adjustment range for defined music and accurate and lively voice reproduction.

A large, 5-inch speaker is combined with a hi-fidelity amplifier and a "Music/Voice" enhancement dial to give extra clarity to AM programs.

The dial accuracy of the new EP PRO is superior to our original model.

Weight: 4.5 lbs. (without batteries). Size: 11.4" W x 7.3" H x 2.75" D. Runs on four optional "D" batteries (not included). AC adapter is included.

Item #CEPRO.....\$84.99

Please see our website at www.ccrane.com for information on our previous CCRadio-EP model.

CC SOLAR OBSERVER



AM/FM/Weather Windup Emergency Radio

The CC Solar Observer is a simple, affordable, and compact radio with enhanced reception and audio performance. For emergency use, it can be powered in four different ways and can charge many different USB type devices including cell phones in a pinch. Many of our customers use it as their main radio.

The emergency radio was honestly born in 1992 when we experienced three large earthquakes in Northern California in 17 hours. Communication and services, including electricity, were hopelessly overloaded. In the Crane home, shards of broken glass and bare feet were everywhere. All of our flashlights had been over used by our blessed children. We vowed to make a good emergency radio and light so that this would never happen again.

The radio can be powered by wind-up, optional AC power, solar panel or 3 "AA" Alkaline batteries (not included) and rechargeable battery pack (included). In a pinch it can charge cell phones with the included USB port adapter.



A car in Ferndale after a nearby building dumped a load of bricks on it after an earthquake. (No one was hurt.)
[Photo provided by Lori Dengler]

Weight: 1.5 lb. Size: 7.25" W x 5.5" H x 2" D.

Item #COBS.....\$54.99

Item #OBA....AC Adapter(optional)....\$14.99



Internet Radio with iHeartMedia®, Pandora® and Radio.com-CBS® with Clock, Alarm & 99 Memory Presets

Get even more of your favorite music and news for free

Most people get a WiFi radio so they can listen to their favorite stations with perfect clarity. With the CC WiFi Radio the stations are always clear, no matter how far away they are. You are also able to pick up stations on the CC WiFi that are difficult or impossible to get on a smartphone.

It allows you to find a station almost any way you can think of. You can also search for the type of music you like or about 1000 news stations from all over the world. The operation is more straightforward than finding a new station on a computer or smartphone and advertising is a tiny fraction of what is found on those devices. You will probably find about 100 times more stations of the types you like (approximately 16,000 stations) . . . all subscription free.

The CC WiFi has good audio for its size and it can be connected to your stereo system directly for superb audio. You can also use our FM Transmitter-2 (ccrane.com/transmitter or see page 15) to send the WiFi signal to a nearby radio or stereo. C. Crane has no control over content or the provider for internet radios and is not responsible for internet radio programs or availability.

Weight: 1 lb. Size: 6.5" W x 3.9" H x 3.9" D. AC adapter and Remote Control included. Uses Reciva technology. Headphone and line out jacks.

To use the radio, you need a WiFi signal and your WiFi network's name and Password.

Item #CWFN.....\$119.99

CC WITNESS +



DIGITAL MP3 **RECORDER-** Player with Built-In AM/FM Radio

The CC Witness Plus is one of the best, most versatile and compact digital personal recorder/players made. It can record or play for hours. It is built to record your favorite radio shows for playback later. It is also great for your favorite music playlist, documenting meetings, and audio for traveling. A special feature can create individual recording tracks so you can skip to the next song or delete songs you don't like. More information at: ccrane.com/witness

- AM and FM radio with 10 memories per band
- Record up to CD quality (WAV), 20 timers for recordings
- 2 GB onboard memory (up to 140 hours of recording time)
- SD card slot for more memory (SanDisk brand recommended)
- One-Touch Recording (Hold record button to select recording time)
- Built-in stereo microphones and line-in jack for recording
- Small built-in speakers - Earbuds included
- Mini USB connects to a PC or MAC® with included cable
- Records from any headphone jack or audio out

Item #CWTPL.....\$149.99

CC Witness Plus Accessory Kit

The CC Witness Plus Accessory Kit includes a charging cradle to keep your CC Witness Plus fully charged without needing to use a computer. It also includes an AC adapter, clear carry case w/ belt clip and an arm band carry case. The cases come in handy for hands-free listening.



Item #PLACC.....Accessory Kit.....\$39.99

CC Witness Plus *and* Accessory Kit

Save \$10.00 when you buy the CC Witness Plus and Accessory Kit together. You will have all the items you need for computer use, recording, and hands-free listening.

Item #PLKIT....(Save \$10.00).....\$179.98

Item #8GB..... 8GB SanDisk Card.....\$11.99

RADIO ACCESSORIES

Senta 40 Wooden Headphones



Comfortable, Great Sound for the Price

They look like they sound: smooth, clean, clear and natural. Offering a full range response and incredible stereo imaging, the Senta 40's deliver your music faithfully, and they're really comfortable.

The headband is lightweight, flexible and adjustable. Ultra-soft ear cushions on ebony wood offer comfortable listening.

The headphones feature a folding design for convenient storage and portability.

1/8" stereo tip plug. Detachable 4-foot fabric tangle free cord and carry case included.

Item #S40HP.....\$49.99

Over The Earphone



The Over The Earphone speaker looks unusual but it is comfortable, durable, and has good voice audio quality. We have some law enforcement and news program listeners who use it for steadfast listening where good comfort is a concern, along with still being able to hear when someone talks. 1/8" stereo tip plug. 5-foot cord.

Weight: 0.8 oz. Size: 1.8" W x 2.8" H x 0.5" D.

Item #OTE.....\$9.99

Voz Headphones

The Voz are good-sounding headphones at an affordable price. They have good bass response for music and they are accurate when listening to talk radio. They are probably better than a similar pair you might find at a big box store and for less. Adjustable headband, large ear cushions, 1/8" stereo tip plug and 7-foot cord.

Item #VHP1.....\$14.99



Single Earphone - Timeless Quality



This inexpensive small earplug is built for use with a regular radio. It has a separate plastic hook that can loop over your ear for comfort. 1/8" stereo tip plug. 6-foot cord.

Item #SCE.....\$3.99



SoftSpeaker™ Pillow Speaker

This pillow speaker has saved a marriage or two ...

The SoftSpeaker is the first pillow speaker designed not just to go under your pillow. It can sit right on your pillow, closer to your ear, so only you can hear it.

The SoftSpeaker has a rare earth magnet speaker which is encased in soft padded foam and enclosed in a teddy-bear soft cover. While in a dreamy state we know some people play tug-of-war with our SoftSpeaker. Our design uses a high quality, fiber reinforced cable and a durable, flexible, strain relief to improve longevity. One year limited warranty.

The SoftSpeaker-2 has an in-line volume control so you don't have to reach for your radio or phone to control the volume. Both speakers offer the perfect combination of comfort, privacy and quality. Plug the speaker into the headphone jack of any radio or smart phone, put it on your pillow and enjoy some of the highest music and voice fidelity available.

Size: 2" Dia., 6.5' cord with 1/8" stereo plug. Removable, washable cover.

Item #PS2.....SoftSpeaker.....\$22.99

Item #SSV.....SoftSpeaker-2 with Volume Control.....\$24.99



See Page 30 for our new SoftSpeaker™ 3 Amplified Pillow Speaker.



Garden Noise Reduction Headphones & Radio Kit

Noise Reduction Headphones combined with a great radio

Some of the more unpleasant jobs are weed eating, grinding, polishing and riding a lawn mower.

The WERK kit can quickly become an indispensable friend in noisy environments. Unfortunately, it is difficult to build a good radio into noise reduction headphones that will survive the twists, bumps, drops, dust and rocks when working outdoors.

C. Crane's WERK radio kit gives a more durable solution - better reception along with a Noise Reduction Rating of 25 decibels.



We supply the CC Pocket Radio, Noise Reduction headphones and a heavy-duty 3' patch cord. The patch cord has a right angle connector to help absorb pressure on the headphone jack.

The pocket of the Chest Harness is 3" W x 3" H x 1.25" D with (2) elastic cords. Can hold up to Galaxy 5®, iPhone 5®, or items 2.5" W x 5" H.

Chest Harness rests on left side

Item #WERK.....\$99.99 (Includes all but chest harness, SAVE \$13.98 when buying the kit.)

Also sold separately:

Item #WERK3.....Heavy Duty 3' Patch Cord.....\$8.99
Item #WERKHP.....Noise Reduction Headphones.....\$39.99
Item #CCPKT.....CC Pocket Radio.....\$64.99
Item #WERKH.....Chest Harness (Sold Separately).....\$29.99



Digital FM Transmitter-2

Send near-broadcast-quality audio from your mobile phone or any audio device to any nearby FM radio

The FM Transmitter-2 uses common FM radio waves to send sound from any device you choose to any nearby FM radio or stereo system. The only wire you have to connect is from the FM Transmitter-2 to a headphone jack. You can resolve audio delivery problems by using it with your iPhone®, Alexa® type device, WiFi internet radio, or satellite radio.

Other customers have told us how they use it with their televisions, guitars, portable DVD players or iPod® (a lot of fun in cars) and even other radios.

We use it regularly for listening to training videos at our company meetings. The FM-2 has a thumbwheel that allows you to adjust the input for best audio quality and a two-level LED indicator to help set optimal signal level. It broadcasts clean, very high-fidelity stereo audio.

Maximum distance of about 45 feet line of sight with no obstructions. Broadcast distance will vary depending on your location (for more information, Google: *ccrane fm transmitter-2*). Choose any unused FM frequency between 88.3 MHz and 107.7 MHz. Portable and fits in the palm of your hand.

Weight: 5.8 oz. Size 3" W x 3.5" H x 1" D. Runs on two (optional) "AA" batteries. AC adapter, 6" dual RCA plugs to 1/8" stereo jack patch cord included. (Patent # US D483,024S) FCC compliant.

Item #FM2.....\$49.99

Yes, C. Crane starts with an idea and develops radio products. The root of the idea comes from you and others like you who want or suggest solutions to their problems. Our team puts those ideas together and goes for a solution in a unique and creative way.

The path is not smooth. . . It normally takes many prototypes before we have something that works properly. Sometimes we find out how to do it the right way only by eliminating all the wrong ways to do it. It is helpful to have a cheery attitude, lots of luck, courage, and an open mind. Did I forget perseverance? It is magical, creative, and exciting to develop products for something we love. . . we design our own packaging too.

It can take more than a year before we get our first inventory of a new product. It is truly fun to see a new item go out the door and hear some positive feedback.

Quality Control is very important to us. Each production run is inspected by the factory and further checked by internal Quality Assurance to be sure the quality meets the standards. In addition, we have a full-time inspector and ambassador for C. Crane who lives in Asia and travels to the several factories we work closely with. Every production run is inspected upon completion at a minimum. Every delivery to our headquarters is re-inspected again for additional Quality Assurance. All this team work means happier customers.



Jessica and Jarl are looking over a radio circuit board.

Our factories do a great job, but we hope someday to build a radio like ours in the U.S. This has probably not been done for over 50 years.

C. Crane is by all definitions a small company working to make your radio experience better with superior reception and audio. Radio has a much bigger impact on the world than most people realize. Your purchase is the applause that we hear. Thank you for your support!

Customer Service:

Our customer service department is available at 800-522-8863 or by email at: customerservice@ccrane.com, Monday through Friday, 8:15 am - 12 pm and 1:15 pm - 5:00 pm Pacific Time. Closed on major holidays. For orders and catalog requests our representatives are available 24/7. We want to build a positive relationship with you, contact us with any questions.

Warranty Information:

All our products come with a full manufacturer's warranty; one-year limited parts and labor unless otherwise noted.

Privacy Policy:

We do not release any information about you to anyone. Our next catalog will mail in October of 2018. Thank you for your support.

eNews Newsletter:

We invite you to sign up for our email notifications, exclusive deals and offers, product spotlights, announcements and special sales. You can subscribe at: ccrane.com/newsletter.

Pricing:

Unless we have an unusual circumstance or error, our prices and shipping costs are good through September 2018.

Repair Services:

Repairs generally take 4-6 weeks and completed on a first come, first serve basis. We only repair products manufactured by C. Crane. Please call so we can set up a repair order for you. Most repairs are \$59.95 + \$11.95 return shipping but charges may vary. A check for \$71.90 or a credit card number must accompany the insured product. Please be sure to include current contact information including a phone number. We recommend you ship the item by a trackable method. **Please remove and keep the batteries, power cord or adapter, and carry case before sending the item to us. Our repairs are warranted for one year.**

Satisfaction Guarantee:

Our products come with a 60-day satisfaction guarantee. If an item proves to be unsatisfactory within this period, you can return it to us (in its original product packaging) for a full refund or credit towards another product. Please insure it. Shipping charges are non-refundable. Please call for a return authorization. A reasonable deduction may be made for any damaged or missing items.

Please keep your catalog.

What is an Orphan:

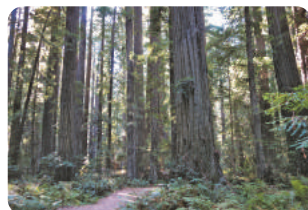
We sometimes have returned merchandise available at about 10% off its regular price; we call these "Orphans". Each item is carefully checked out and thoroughly cleaned. A full factory warranty and our 60-day satisfaction guarantee applies to these bargains also. These items are limited to stock on hand so call us to find out what is available or visit our website at: ccrane.com/orphans. New items are listed weekdays at about 4:00 PM Pacific Time and are sold on a **first come first serve basis**.

COME VISIT C. CRANE in FORTUNA, CALIFORNIA

Our store is located on the North end of Fortuna, Ca. Be sure to check out the links below to have an amazing experience while visiting C. Crane at this historic location.

C. CRANE

172 Main Street
Fortuna CA 95540-1816



www.visithumboldt.com • www.101things.com/humboldt/

Top Tips for Improving AM Reception

1. If you're having trouble receiving your favorite talk radio program – determine if you get the signal at all. If the station is a 500-watt station across the country, no amount of reception tips will help you receive this signal. If the station streams on the Internet you have many possible solutions. You can use our CC WiFi Radio or a smartphone with a Bluetooth® speaker or an Alexa Echo mated with a C. Crane FM Transmitter (page 15) to broadcast to your regular radio.

2. If you get the signal but it is weak, try moving radio near a window or outside wall. If your reception improves, you know the signal is having a hard time reaching inside or there may be some interference. You can run an antenna to a window (or maybe even outside). Some stations rebroadcast on sister stations either AM or FM. Go to radioLocator.com and look up the station call letters you're trying to receive; see if another station is listed as "also broadcasts from" with a different frequency, you may be able to find a closer stronger station that is broadcasting the same content.

Continued on Pg. 19.

3. If the problem is noise, try the radio on batteries and walk around your home to see if the static or buzzing changes. If the noise gets worse, odds are good the offending device (or electrical component) is located here and you may be able to turn it off. Rotating your radio when you get near the buzzing can help you determine exactly where the noise is coming from. If it's the same throughout the house, try going outside. If it's better, then an antenna may help. We've talked to people who end up turning off all the breakers to find out they have some electrical wiring issues that produce noise in their entire house!

4. You receive the signal during the day but not night or vice versa. Many people don't know (or forget) that stations may be required to power down, change direction or in some cases power up at night. Differing signal during day and night may not be limited to summer, solar flares, and the atmosphere, it may be that your 10,000-watt daytime station switches to a 5,000-watt station at night that broadcasts in the opposite direction. Again, radio locator.com is a great source of information about your favorite station.



Terk AM Advantage

When you want better AM reception, but also want an AM Antenna with some style points, you have a great choice.

The Terk comes with a 6' wire with twin leads so you can connect it directly to your stereo or radio. You can also use it just by setting the antenna near your AM radio (through a process called inductive coupling).

The Terk AM Antenna outperforms any of the smaller antennas normally included with a home stereo system.

Size: 9.25" high.

Item #TR1.....\$44.99

CC SW Reel Antenna

The CC SW Reel Antenna is a convenient and inexpensive way to improve the reception of any shortwave radio. Just attach the end clip to the telescoping antenna of your radio and extend the antenna up the wall or to a window. Winds up into a sturdy case for portability.



Size: 4" W x 2.9" H x 0.8" D.

Antenna length is 23'

Item #CCSWA.....\$14.99

How to Make a Simple Powerful AM Loop Antenna for Free

There are few truly magical things in this world that are practically free.

A DIY AM antenna is best used outdoors but you can make it work inside by re-routing the wires. It amplifies all weak AM signals, so a powerful local station might be heard over your entire AM radio dial.

Here is what you will need:

- 100' or more of any type of insulated wire you can easily work with
- Twist or Zip ties or tape to hold the shape of the coil
- (2) alligator clips (available at most electronic stores)
- (1) three or four-foot ground stake (any metal stake or 1/2" diameter or greater pipe)
- (1) adjustable pipe clamp that fits around your metal stake

This antenna works great on the AM band because of the properties of these frequencies. Loop antennas can work on other frequencies also but need some modification because of the frequency property differences. There are probably some discoveries to be made in the future with loop antenna research.

For the steps to make the antenna go to: ccrane.com/DIYantenna



Introduction to WiFi

C. Crane was founded by specializing in weak radio signals and WiFi is no different. Our first adventure into the wonderful world of WiFi antennas began over 15 years ago. We needed a way to transmit data securely between locations. Back then, the options were limited, expensive and the bandwidth was incredibly slow. A few years later, Bob needed to get faster internet at his home but the nearest connection was three miles away. High speed internet was not available on his road for ANY amount of money. We started trying different antennas to help get a signal out to his house and out of that, the C. Crane WiFi division was born. See more at ccrane.com/wifi.

Simple & Free Ways to Improve Your WiFi Reception

(more available on countrymilewifi.com)

1. The most effective way to maximize your home WiFi coverage is put your wireless router in the middle of the house, about 5 feet to 6 feet off the ground. If you have DSL or cable internet then it is likely that you have several other cable or telephone jacks in your house. Any one of these jacks can be used to connect your modem/router. If only one PC computer has a reception problem, look at our inexpensive Versa WiFi USB Adapter (see page 23).
2. Position the antennas on your router vertically. The reason for this is the signal pattern is not a bubble but is flatter like an overstuffed pancake.
3. Reposition dense obstructions in your home so that your routers WiFi signal path can reach your WiFi device. Some common household obstructions include mirrors, metal filing cabinets, kitchen appliances, bathroom fixtures, and furniture. Basically, anything heavy or reflective will hinder or stop WiFi.

Before you purchase any products, we highly recommend you visit our sister site countrymilewifi.com to see if there are some free or alternative options.



If you are faced with getting a new internet service to cover an out-of-range area, such as a parked RV or guest house, please check out our CC Vector Systems (starting on Page 22). Or if you're in an area that is too rural or remote for any service, check out our custom solutions. (Page 27).

HOME SOLUTIONS**CC Vector Home WiFi Repeater System -
Longer Range than the Average WiFi
Extender**

How it Works: Our antenna receives a distant WiFi signal and connected with our CC Vector repeats a new WiFi signal to all your devices. It delivers a reliable WiFi signal where you need it.

Great at extending the range from downstairs to upstairs or from the front of the house to the back rooms and even outside. No more being close to the router for Facetime™ or Netflix™.



Bob's shop is about 50' away from the router in the house and there are several walls that make the WiFi signal from a standard range extender unreliable. The CC Vector Home easily picked up the signal when put in a window toward the house and delivered a robust signal to his devices in the shop.

This system covers approx. 10,000 sq. ft. (depending on obstructions) or can help get a signal from across the street. The included high power antenna's sensitivity exceeds average WiFi range extenders designed for in-home use and the system works on all Windows®, Android™, Apple®, iPhone® and Smart TV's.

Comes with C. Crane US based tech support.

Item #VEC1.....\$199.99



Super USB WiFi Antenna 3



Boosts WiFi reception to one computer

Give your **Windows®** based computer a powerful WiFi boost. Typical range is 300' and in our extreme distance tests we connected to a network a mile away (with no obstructions).

Indoor/outdoor rated. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through Windows 10. Starting on page 22, see our repeater systems if you have a MAC, Chromebook, or need to connect multiple devices.

Size: 1.4" W x 10" L x 0.6" D. Antenna weight: 1.8 oz. 15' USB split cable, suction cups, mounting strip, cable tie, lanyard and software included.

Item #US3.....\$69.99

Item #SPC....30-ft USB Cable (optional)....\$19.99

Versa WiFi USB Adapter 3

Small, simple solution to boost your computer's WiFi signal for home and travel

Plugs into your USB port and the 5dBi antenna gives about 200' distance. It comes with a magnetic stand and 8' cable that can be placed on your vehicle or in a window where signals are received best.

Plug it in and the drivers automatically install for Windows® 7 and above.

Compatible with Windows XP through Windows 10.



Item #WF3.....\$29.99

MOBILE SOLUTIONS

CC Vector RV WiFi Repeater System

How it Works: Our antenna receives a distant available public WiFi signal up to 400 ft. away and connected with our CC Vector repeats a new WiFi signal to all devices in your RV, boat, or Big Rig. This system covers approx. 10,000 sq. ft. (depending on obstructions) or can help get a signal from across the street.

In our extreme distance tests, we connected to a network a mile away (with no obstructions).

It's heavy-duty and mounts to a pole or ladder outside your vehicle and then connects to the CC Vector repeater inside. The included 8dBi antenna does not require aiming and works in all directions.

Great at extending your range at campgrounds, RV Parks, or remote outbuildings. Works on all Windows®, Android™, Apple®, iPhone® and Smart TV's.

Comes with C. Crane US based tech support.

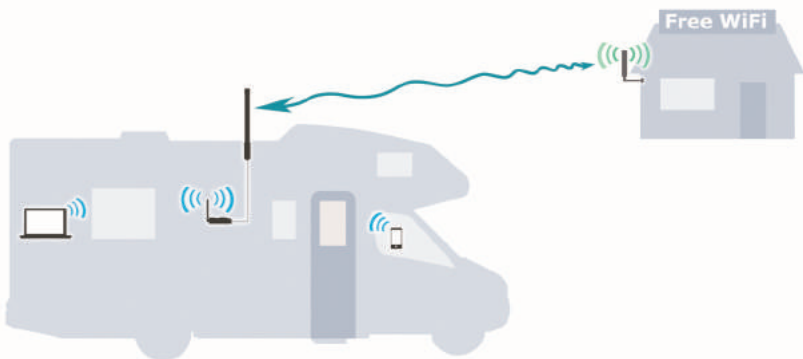
Item #VEC2.....\$269.99



Our customers explain it better than we ever could:

"Amazingly easy set up that took less than 30 minutes from opening the package to working WiFi. In my current campground we went from no internet access to perfectly streaming video. I like that it creates a private network with a private passcode that can be used with all devices. So many campgrounds either don't have WiFi accessible throughout the park or have no security. This solves both problems. Worth the price. No technical skills needed."

M Reimer, Newport, FL



CC X Mile Omni

Improve your single **Windows®** computer's WiFi reception in all directions in your RV, Boat, or Big Rig. The CC X Mile Omni is made for outdoor use with solid construction for mounting to a pole or ladder. Estimated range 400 ft. and In extreme distances over a mile.*

8dbi antenna and software included. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through Windows 10.

Antenna size: 1" W x 22" H. Antenna Wt. 14 oz. Total Wt. 1.3 lbs. Total Ht. 26". CC X Mile WiFi Receiver, 8dBi Antenna, 30' USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #XMILE8.....\$119.99



CC X Mile Long Range



Great solution for improving WiFi at a fixed location for one **Windows®** computer. With a similar setup to our CC X Mile Omni, the Long-Range version uses a directional 15dBi parabolic antenna to increase speed and reduce interference from other WiFi networks. Estimated range 1200 ft. and in extreme distances up to 3 miles.*

15dBi antenna and software included. Drivers automatically install for Windows 7 and above. Compatible with Windows XP through Windows 10.

15dBi Antenna Size: 15.75" W x 11.8" H. Weight. 3.3 lbs. Total wt. 8.25 lbs. CC X Mile WiFi Receiver, 30' USB split cable, software, mount & hardware, sealant and silicone grease included.

Item #XML15.....\$129.99

*Line of sight, without walls, trees or other obstructions. Also depends on the strength of the WiFi router.

LONG-RANGE SOLUTIONS**CC Vector Long Range WiFi Repeater System**

How it Works: Our directional antenna receives a distant available WiFi signal about a ½ mile away (max. range is about 3 miles) and connected with our CC Vector repeats a new WiFi signal to all devices in your barn, shop, office or other outbuilding, (approximately 10,000 sq. ft.). Sharing internet is a great way to save money! Range depends on obstructions and the signal strength of the network you're connecting to.



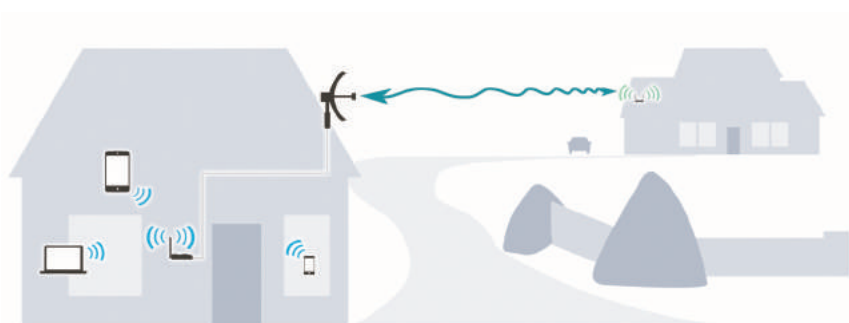
The system uses a directional 15dBi parabolic antenna to increase speed and reduce interference from other WiFi networks. The heavy-duty system mounts outdoors (mast not included) to a fixed location and then connects to the CC Vector inside. Works on all Windows®, Android™, Apple®, iPhone® and Smart TV's.

Comes with C. Crane US based tech support.

Item # VEC3.....\$299.99

"Perfect fit for a shop or office away from main residence. I must admit I had reservations about this setup initially but I have had good luck with many products from CCRANE in the past. This WiFi repeater WORKS, period! Perfect solution for getting a great WiFi signal to an out building or office. Highly recommend this system."

F Haddock, Damascus, GA



CUSTOM SOLUTIONS

Looking to cover a large building or property?

We've helped many customers improve their signal, extend their range and cover long distances. Whether it's a school, hotel, office complex or rural location with multiple outbuildings, we've seen it.

Our technical specialists can design a custom kit to meet your needs.

Call us at 1-800-522-8863 to get in touch with one of our specialists or go to our website and fill out the contact form: www.ccrane.com/customwifi

How it works:

1. We'll need you to perform a site survey to discuss your requirements.
2. C. Crane creates a custom solution for your application.
3. We deliver the product.

We do not currently offer installation services so you need to be comfortable and safe doing this work or find a local installer to help.

Long Range WiFi Bridge System

Comes Configured and Wired



It's the best way to connect two locations to the same network wirelessly up to 3 miles away. Two parabolic antennas (sold separately) that will need to be mounted and face each other without any obstructions, not even a tree.

The signal between the two points is highly encrypted for security.

You can think of it as a wireless Ethernet cable that works at long distances.

"Our family has multiple homes covering almost 200 acres. The homes near the road can get internet, provided by the local cable company. But the houses further off the road are beyond what the company will run. We had the cable company run the connection to homes up front and used the WiFi Bridge system to provide internet connections to homes further back on the property. The speed is fantastic, and we have had no issues due to weather. The children in one of the homes are home-schooled and use the internet daily for their school work and to watch online videos."

W Alklett, Jackson GA

Item #WBK.....\$349.99

LIGHT

Handheld CC LED Spot XB

- Advanced 10 watt LED
- Nearly equal to 100 watts of old style light
- 3 year limited warranty

With 3 "C" batteries you will get approximately 5 hours on High, 10 hours on Medium, and 60 hours of use on the Low setting. It also has an emergency flash for safety. Rubberized high impact plastic.

Wrist lanyard and adjustable stand included. O-ring sealed and water resistant. IPX4. 500 lumens. The smart Hi/Med/Lo/Flash logic is exclusive to C. Crane.

3-year limited warranty by C. Crane. Size: 5.9" W x 5.6" H x 3" D. Weight: 10.2 oz. (batteries not included). Wrist lanyard included, shoulder strap sold separately.



Item #SPOTXB.....\$39.99

Item #SPOTXBSTP...Shoulder Strap...\$4.99 (sold separately)

Power Vivid® Pocket Flashlight

The handy Power Vivid delivers an intense white beam of light from a single bright LED, using a single (AA) battery (not included).



Features include a durable aluminum housing, detachable keychain lanyard, it's waterproof and has a push button on/off switch.



Size: 3.7" L x 0.8" Dia.

Item #PVF.....\$7.99

Solar Battery Charger - AAA, AA, C, D and Prismatic

This solar charger holds two Rechargeable Batteries of the same type and size (AAA, AA, C, D and Prismatic). It puts out about 150mA at about 5-volts. Many other solar battery chargers tested were unsuitable because their voltage was too low.



There is a built-in stand on the bottom of the charger, which can be adjusted so that the solar panel on the charger points towards the sun. The meter on the top shows you the current output from the solar panel. A diode is used to block current when there is no sun so the batteries stay charged.

The solar charger will also charge 7 different sizes of Prismatic rechargeable batteries. Prismatic batteries are a fairly new battery used for some mobile devices.

The Universal Solar Battery Charger is small which makes it convenient for home, extended power outages and outdoor activities.

Size: 6.8" W x 4.5" H x 2.3" D.

Item #SBC.....\$24.99



Rechargeable Batteries

"AAA" 1000 mAh NiMH Batteries

Each price: \$2.99. Item #N3A

"AA" 2500 mAh NiMH Batteries

Each price: \$2.99. Item #NHA

"C" 5000 mAh Batteries

Each price: \$9.99. Item #NC

"D" 10,000 mAh Batteries

Each Price: \$14.99. Item #ND

NEW! SOFTSPEAKER™ 3 AMPLIFIED PILLOW SPEAKER

We read many reviews and spoke to customers with newer devices like smartphones and tablets where our original speakers weren't loud enough, so we developed the SoftSpeaker 3 to solve that problem. Perfect for listening to audiobooks, podcasts, movies or radio on your favorite device (such as Kindle®, iPhone®, iPad®, Chromebook®, etc.)

Our new amplified SoftSpeaker 3 delivers the same high-quality audio, **three times louder** than our non-amplified pillow speaker.

Features:

- Voice/Music switch for better voice clarity and legibility
- On/Off, Volume control, Adjustable sleep timer, 1, 4 or 8 hours
- Larger, softer cover for maximum comfort
- Stereo signal is actively combined for true mono sound

Specifications:

- 1/8" stereo plug
- Total cord length 78" with control at 24"
- Battery life is about 80 hours (Voice mode), battery level checker
- (2) AAA batteries (not included)
- Pillow is approx. 4" x 3"
- Amplifier is approx. 3" x 1"



Note: You may need to lower the volume on your device to eliminate distortion.

Item #PS3.....\$44.99

NEW!

I Love Radio T-Shirt designed by Asia Bell

We've been asked for years to offer C. Crane merchandise. At last, here was the perfect opportunity. As mentioned in the opening page a perfect *I LOVE Radio* t-shirt arrived in a box from a young friend of Bob's. The shirt expresses why radio (all types) is great for millions of listeners. With each t-shirt sale we are donating \$1.00 towards Asia Bell's future to encourage her budding entrepreneurship.



We hope you proudly sport your *I LOVE Radio* T-shirt. If you're active on social media, please post an image of you wearing your shirt and please tag C. Crane to be featured on all our Social Media outlets to **spread the word**.

Available in Women's and Men's Small – 4X. More sizing information and color choices available online. Please note, the women's sizes tend to run small.

Available in Royal Blue or Charcoal Grey with design shown. Other colors and sizing options available online.

Men's T-shirt

Item #MCCT.....\$24.99 (Indicate size and color when ordering. Cotton/Polyester).

Women's T-shirt

Item #WCCT.....\$24.99 (Indicate size and color and V or Crew Neck when ordering. Cotton).

Gift Certificates

C. Crane gift certificates are the perfect solution for anyone who loves radio.

Our gift certificates are available in any amount and never expire.

Refunds for partial amounts will be issued in the form of an additional certificate.

Call 800-522-8863 to order or visit:
ccrane.com/gift-certificates.



NEW!



U.S. POSTAGE
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C. CRANE COMPANY

CC SKYWAVE SSB RADIO

Travel Radio

The CC Skywave SSB opens up a marvelous new world of radio when you're traveling.

See page 5.

Item #SSB



CC POCKET RADIO

We combined ease of use, very good reception, and sharp well-defined audio together in this little jewel of a radio.

See page 3.

Item #CCPKT

C. CRANE

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crcrane.com

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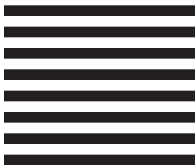


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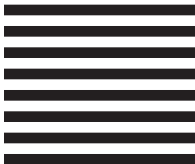


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C. CRANE

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Apt. No. _____

City _____

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ZIP _____

Email (package tracking info) _____

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☐ This is a gift order

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Qty	Pg #	Item #	Description	Each	Total

☐ Ship as items are available, or ☐ Ship order complete

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If shipping to Calif., add Sales Tax @ 8.5% (*subject to change*) _____

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#28

ORDER INFORMATION

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\$75.00 - \$249.99.....	\$12.99
\$250.00 - \$349.99.....	\$15.99
\$350.00 & Up.....	FREE

Some restrictions may apply.

If your package ships to an address within the United States, we will send it to you the most economical way.

GROUND AND EXPRESS SHIPPING, ALASKA, HAWAII, PRIORITY MAIL, CANADA AND OTHER INTERNATIONAL COUNTRIES:

Please call us or check ccrane.com by placing an item in a Shopping Cart to see **shipping options and rates** for your location.

Canadian and International shipping charges do not include duties and taxes.

ALL ORDERS PLACED BEFORE 11 AM PT NORMALLY SHIP THE NEXT BUSINESS DAY (Saturday, Sunday and holidays are not considered business days).

SHIPPING EXCEPTIONS:

All charges for shipping are non-refundable. Sorry, no COD orders.

ORDERING METHODS:

PHONE: 1-800-522-8863 (TUNE) MAIL: C. Crane Company, Inc.
WEB: ccrane.com 172 Main Street
FAX: (707) 725-9060 Fortuna, CA 95540-1816

VISA • MC • DISC • AMEX • Personal Check • Money Order

If paying by personal check over \$250, your shipment may be delayed up to two weeks to allow time for the bank to process your check. To prevent delay, please send a cashier's check, certified check or money order.

HOURS (Pacific Time):

Phone Order Hours: 24/7 All Year	Customer Service, Tech and
Store Hours:	Returns:
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10:00 AM - 2:00 PM Sat	

Customer Service, Tech, Returns and Store are Closed on major holidays.

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